

CJX1 AC Contactor



1. General

The contactor is suitable for using in the circuits the rated voltage up to 660V AC 50/60Hz, rated current 475A, for making & breaking, and for frequently starting and controlling the motor. The products comply with IEC60947-4.

2. Type designation

Name	Rated current	Auxiliary contact	Pole number	Coil voltage	Frequency	Body type
CJX1				*	.	△

Rated current (A)	Auxiliary contact		Type
	Normal open (NO)	Normal close (NC)	
9	2	2	CJX1922*.△
12	2	2	CJX11222*.△
16	2	2	CJX11622*.△
22	2	2	CJX1222*.△
32	2	2	CJX13222*.△
38	2	2	CJX13822*.△
45	2	2	CJX14522*.△
63	2	2	CJX16322*.△
75	2	2	CJX17522*.△
85	2	2	CJX18522*.△
110	2	2	CJX111022*.△
140	2	2	CJX114022*.△
170	2	2	CJX117022*.△
205	2	2	CJX120522*.△
250	2	2	CJX125022*.△
300	2	2	CJX130022*.△
400	2	2	CJX140022*.△
475	2	2	CJX147522*.△

Note: 3 pole is normal type, not remarked in the type name.

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3. Specifications

Type			CJX1-09	CJX1-12	CJX1-16	CJX1-22	CJX1-32	CJX1-38	CJX1-45	CJX1-63	CJX1-75
Main circuit characteristic											
Rated operation voltage (Ue)	V		660								
Rated insulation voltage (Ui)	V		660								
Rated thermal current (Ith)	A		20	20	30	30	55	55	80	90	100
Rated operation current (Ie)	AC-3.380V	A	9	12	16	22	32	38	45	63	75
	AC-3.660V	A	6.6	8.8	12.2	12.2	18	27	27	45	63
	AC-4.380V	A	3.3	4.3	7.7	8.5	15.6	18.5	24	28	34
Max. power of 3 phase motor controlled	AC-3.220V	kW	2.2	3	4	5.5	8.5	11	15	18.5	22
	AC-3.380V	kW	4	5.5	7.5	11	15	18.5	22	30	37
	AC-3.660V	kW	5.5	7.5	11	11	23	23	39	55	67
Electrical life	AC-3	10000 t	100				100	100	60	60	60
	AC-4	10000 t	20				20	20	15	15	15
Machinical life		10000 t	1000				600	600	600	600	600
Operation frequency	AC-3	t/h	1200				600	600	600	600	300
	AC-4	t/h	300				300	300	300	300	200
Matching fuse type			NT00-16	NT00-20	NT00-25	NT00-32	NT00-50	NT00-63	NT00-63	NT00-80	NT00-100
Matching thermal relay type			3UA50	3UA50	3UA52	3UA52	3UA54	3UA55	3UA55	3UA58	3UA58
Wiring capacity	Section area of lead	mm ²	1.5	2.5	2.5	4	6	10	10	16	25
Coil											
Control power voltage (Us)	AC	V	12,24,36,48,110,127,220,380,660								
Allowed control circuit voltage	Close	V	85%~110%Us								
	Open	V	20%~75%Us (AC), 10%~75%Us (DC)								
Auxiliary contact											
Rated thermal current (Ith)	A		10								
Rated operation voltage (Ue)	AC-15	V	120,240,380								
	DC-13	V	125,250								
Rated control capacity	AC-15	VA	360								
	DC-13	W	33								

Type			CJX1-85	CJX1-110	CJX1-140	CJX1-170	CJX1-205	CJX1-250	CJX1-300	CJX1-400	CJX1-475
Main circuit characteristic											
Rated operation voltage (Ue)	V		600				1000				
Rated insulation voltage (Ui)	V		600				1000				
Rated heating current (Ith)	A		100	160	160	210	220	300	300	400	550
Rated operation current (Ie)	AC-3.380V	A	85	110	140	170	205	250	300	400	475
	AC-3.660V	A	75	75	110	110	170	170	250	400	400
	AC-4.380V	A	42	54	68	68	96	110	125	150	165
Max. power of 3 phase motor controlled	AC-3.220V	kW	26	37	43	43	64	78	93	125	145
	AC-3.380V	kW	45	55	75	75	110	132	160	200	250
	AC-3.660V	kW	67	100	100	100	156	235	235	375	375
Electrical life	AC-3	10000 t	60				30				
	AC-4	10000 t	15				10				
Machinery life		10000 t	600				300				
Operation frequency	AC-3	t/h	300				120				
	AC-4	t/h	200				120				
Matching fuse type			NT00-125	NT00-160	NT00-200	NT00-250	NT00-250	NT00-315	NT00-400	NT00-500	NT00-500
Matching thermal relay type			3UA58	3UA62	3UA62	3UA62	3UA66	3UA66	3UA66	3UA66	3UA68
Wiring capacity	Section area of lead	mm ²	35	35	50	70	95	120	185	240	300
Coil											
Control power voltage (Us)	AC	V	12,24,36,48,110,127,220,380,660								
Allowed control circuit voltage	Close	V	85%~110%Us								
	Open	V	20%~75%Us (AC), 10%~75%Us (DC)								
Auxiliary contact											
Rated thermal current (Ith)	A		10								
Rated operation voltage (Ue)	AC-15	V	120,240,380								
	DC-13	V	125,250								
Rated control capacity	AC-15	VA	360								
	DC-13	W	33								